Major Acceptance Requirements (C or better in these courses)

- MAC 1311C** Calculus I (4)
- Or
- MAC 2311C** Calculus II (4)
- MAC 2312** Calculus III (4)
- Phv 2048C** Physics for Engineers I (4)
- PHY 2049C** Physics for Engineers II (4)
- EEL 3304C** Electrical Networks (3)
- MAP 2302 Differential Equations (3)**
- MAC 3105C** Calculus I (4)
- Or
- MAC 2311C** Calculus II (4)

Elective Requirement
A total of 14 CR are needed to satisfy the elective requirement. If EGS 1006C and EGN 1007C are completed, these two courses count toward the elective requirement.

Approved Restricted Electives:
- Refer to myKnight Audit for full list
  - OSE 3034 Analytical Methods for Optics (3)
  - OSE 4721 Biophotonics (3)
  - OSE 4240 Optics & Photonics Design (3)
  - OSE 4720 Visual Optics (3)
  - OSE 3342C Digital Systems (3)
  - EEL 3470 EM Fields (3)
  - EGN 4931H Eng. Honors Seminar-Research (3)
  - EMA 4413 Fundamentals of Electronic Materials
  - MAP 4303 Ordinary Differential Equations II (3)
  - MAP 4341 Partial Differential Equations (3)
  - MAP 4317 Numerical Methods for Diff. Eq. (3)
  - MAS 3105 Linear Algebra (4)
  - MAS 5145 Adv. Linear Alg. and Matrix Theory (3)
  - OSE 4900 Directed Independent Research (1)
  - OSE 4908H Honors Directed Reading (3)
  - OSE 4970H Honors Thesis (3)
  - PHY 4604 Wave Mechanics I
  - PHY 4605 Wave Mechanics II
  - PHZ 4313 Introduction to Theoretical Methods

PSE Advising
The Photonic Science and Engineering Advising Office is located in CREOL, Building 53, Room 108B. Email undergrad@creol.ucf.edu for questions about the major.

*Flowchart is a suggested plan. Meet with advisor for personalized plan. Gen. Ed. courses not listed. In the event of an error, UCF Catalog takes precedence.